



VIAJet T Series

Data Sheet V1.0



October 2017

A cost effective and reliable alternative to labels and pre-printed boxes.

The Viacode T-Series high resolution printers represent the latest industrial ink-jet technology available. The system provides exceptional print resolution and versatility along with unparalleled levels of readability. Perfect for printing on porous materials, the T-Series printheads perform in a comprehensive range of challenging packaging and industrial environments, such as the coding of outer cases, bags, sacks, timber and construction products.

The T-Series heads are operated by the new Viacode platform. Viacode makes message programming simple and helps manage multiple production lines and printhead groups from a single interface. The PC based hardware runs on a Linux operating system and simplifies reporting by collecting real-time data from scanners, scales and operator data entry.

The printer is capable of printing scalable Windows TrueType fonts and the EZ Touch user interface allows for simple and intuitive creation and selection of messages including alphanumeric text, logos, graphics and barcodes.



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Among many other features and benefits the system provides:

- 100mm high images and print from a single printhead
- Precision stitching (stacking) of printheads to increase print height for company branding, logos and graphics
- Stand-alone operation as well as advanced networking capability including effortless integration with ERP/MRP or WMS systems
- Image display for individual production lines
- Clean and safe non-pressurised ink delivery system



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Technical Specification

Printhead Type	Min. Print Height	Max. Print Height	Max Print Speed	Orientation
T50	2mm	50mm	238m/min	Horizontal & Down
T100	2mm	100mm	238m/min	Horizontal & Down



VIACODE PLATFORM	
MAX NO. OF PRINTHEADS	20+
PRINTHEAD DIRECTION	Bi-directional
NETWORKING	Master Mode, Ethernet, USB, RS232
MESSAGE AND OBJECT STORAGE	Memory dependent, standard is 4GB (average message size is 40KB)
BARCODES	ITF, ITF14, Code 39, EAN8, EAN13, UPC-A, PDF147, Code128, GS1-128 A & B, SCC14, Data Matrix, QR Code, Configurable with dynamic data
ELECTRICAL	50-60Hz switch mode, power supply; 110-240 VAC at 0.8 A
USER INTERFACE	Standard Linux platform Built-in CSV Database Network ready Intuitive Program Design Simple message creation and editing On-board graphics utility Prints TrueType fonts Virtual Network Computing (VNC)
PCM OPTIONS	7", 12" or 15" control panel with touchscreen interface

INK SYSTEM
<ul style="list-style-type: none"> • Safe, non-pressurised container • Clean disposable 500ml ink cartridge • Unique ink priming system recycles and maximises ink consumption • Built-in ink filtration • Low level ink warning

INKS
<ul style="list-style-type: none"> • Oil based for porous surfaces • Shelf life up to 12 months • Excellent light fastness performance • 'No Bleed' formulations • Non-toxic, non-flammable and fully waterproof

